Samples Exceeding IDEM's Proposed RCRA Clean Closure Criteria and Table 3.1 of Exhibit A Criteria

EnviroChem Southern Pad Area Excavation Surface Soil Sampling

EPA Region 5 Records Ctr.

Surface Soil Sample Results Exceeding IDEM's RCRA Clean Closure Criteria**

Parameter	IDEM RCRA Clean Closure Acceptable Soil Concentrations**	CHECS-01*	CHECS-03*	CHECS-04*	CHECS-05	CHECS-08	CHECS-09*	CHECS-14*	CHECS-15*	CHECS-16	CHECS-17	CHECS-22	CHECS-25*	CHECS-27	CHECS-29*
1,1,1-Trichloroethane	1,930	9,600 D	0	20,000 D	0.1200 10		120,000 D		480,000 J	37,000 J	170,000 J			0.1200 2.	25,000 D
1,1,2-Trichloroethane	30.4			69 J					,						200 =
1,1-Dichloroethene	57 9	450 =		1,100 =			6,600 =		16,000 D	1,500 D	7,600 D		66 =		760 ≃
1,2-Dichloroethene (total)	1,079	25,000 D		4,900 =				2,800 J	23,000 D	3,300 D	8,400 D		5,300 D	***************************************	9,800 =
Methylene chlonde	23.1			110 =			300 ≈		3,100 =	100 E	2,300 =	2,200 D	97 =		9,200 =
Tetrachloroethene	57.7	61 J		1,000 =					180,000 J		79,000 D				37,000 D
Toluene	11,700		••••••	16,000 D					23,000 J						
Trichloroethene	57	590 J		380,000 J					66,000 D	31,000 D	55,000 D				49,000 D
Vinyl chloride	13.5	170 J	30 J		5 7 J			25 J	3,700 J	54 J	230 J		300 D	59 =	

Surface Soil Sample Results Exceeding Acceptable Soil Concentrations from Table 3.1 of Exhibit A of Consent Decree***

	Table 3-1 Acceptable Soil														
Parameter	Concentrations***	CHECS-01*	CHECS-03*	CHECS-04*	CHECS-05	CHECS-08	CHECS-09*	CHECS-14*	CHECS-15*	CHECS-16	CHECS-17	CHECS-22	CHECS-25*	CHECS-27	CHECS-29*
1,1,1-Trichloroethane	47,871						120,000 D		480,000 J		170,000 J				
1,1,2-Trichloroethane	71														200 =
1,1-Dichloroethene	762			1,100 =			6,600 =		16,000 D	1,500 D	7,600 D				
1,2-Dichloroethene total)	5,782	25,000 D							23,000 D		8,400 D	.,			9,800 =
Methyl ethyl keytone	352					670 J		1,000 J				440 J			720 =
Methylene chloride	126						300 ≃		3,100 =		2.300 =	2,200 D			9,200 =
Tetrachloroethene	77			1000 =					180,000 J		79,000 D				37,000 D
Trichloroethene	812			380,000 J					66,000 D	31,000 D	55,000 D				49,000 D
Vinyl chloride	8	170 J	30 J		57 J			25 J	3,700 J	54 J	230 J		300 D	_59 ≖	

Notes:

All units in ug/kg.

* Indicates a sidewall sample

Data Qualifiers:

[=] Detected. The component was analyzed for and detected at the concentration shown.

[D] Diluted result.

[J] An estimated value. This flag was used when the data indicated the presence of a component was below the stated reporting limit or when the direction of analytical bias was unknown.

[E] Value was detected above the calibration curve, but the diluted result was not reported because it was diluted below the detection limit.

^{**} Per V Epps/IDEM based on IDEM's Intenm RISC Tier | Residential Subsurface Soil Values for 1/2 acre parcel of land.

^{***} Per Table 3.1 of Revised Exhibit A of the EnviroChem Consent Decree